

# Fact Sheet



## For Draft/Proposed Significant Modification Permitting Action Under 45CSR30 and Title V of the Clean Air Act

This Fact Sheet serves to address the changes specific to this Significant Modification, and shall be considered a supplement to the Fact Sheet corresponding with the Title V operating permit issued on August 8, 2011.

Permit Number: **R30-01300002-2011**  
Application Received: **June 6, 2012**  
Plant Identification Number: **03-54-01300002**  
Permittee: **Dominion Transmission, Inc.**  
Facility Name: **Orma Station**  
Mailing Address: **445 West Main Street**  
**Clarksburg, WV 26301**

Permit Action Number: *SM01*      Revised: *Draft/Proposed*

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Physical Location:	Orma, Calhoun County, West Virginia
UTM Coordinates:	492.68 km Easting      •      4288.86 km Northing      •      Zone 17
Directions:	From the intersection of Rt. 33/Rt. 119 West & 16 South at Arnoldsburg take Rt. 16 South 4.7 miles to Orma, turn left onto Euclid/Nicut Road and travel 1.0 mile, turn left onto Crooked Run Road and go 0.1 miles to station on the left.

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### Facility Description

Orma Compressor Station is a natural gas transmission facility covered by Standard Industrial Classification (SIC) Code 4922. The station has the potential to operate seven (7) days per week, twenty-four (24) hours per day. The station consists of two (2) 660 HP natural gas fired reciprocating engines, one 112.2 HP emergency generator, one (1) dehydrator reboiler, one (1) dehydration unit with flare, and seven (7) storage tanks of various sizes.

## Emissions Summary

The emission changes associated with this application are shown in the following table:

Pollutant	Annual Emissions Before this modification (tons/year)	Annual Emissions After this modification (tons/year)	Emissions Change (tons/year)
Volatile Organic Compounds (VOC)	176.6	176.68	0.08
Carbon Monoxide (CO)	38.4	41.27	2.87
Nitrogen Oxides (NO <sub>x</sub> )	259.0	259.38	0.38
Particulate Matter (PM <sub>10</sub> )	0.49	0.5	<0.01
Total Particulate Matter (TSP)	0.49	0.5	<0.01
Sulfur Dioxide (SO <sub>2</sub> )	0.03	0.04	<0.01
Total HAPs*	21.37	21.44	<0.07

\* HAPs are not speciated because no applicability was triggered.

## Title V Program Applicability Basis

With the proposed changes associated with this modification, this facility maintains the potential to emit 259.38 tons per year of NO<sub>x</sub> and 176.68 tons per year of VOC. Due to this facility's potential to emit over 100 tons per year of criteria pollutant, Dominion Transmission, Inc is required to have an operating permit pursuant to Title V of the Federal Clean Air Act as amended and 45CSR30.

## Legal and Factual Basis for Permit Conditions

The State and Federally-enforceable conditions of the Title V Operating Permits are based upon the requirements of the State of West Virginia Operating Permit Rule 45CSR30 for the purposes of Title V of the Federal Clean Air Act and the underlying applicable requirements in other state and federal rules.

The modification to this facility has been found to be subject to the following applicable rules:

### Federal and State:

45CSR13	Permits for Construction, Modification
45CSR16	Standards of Performance for new stationary Sources
45CSR30	Operating permit requirement.
40 C.F.R. Part 60, Subpart JJJJ	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines
40 C.F.R. Part 63, Subpart ZZZZ	National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

State Only: N/A

Each State and Federally-enforceable condition of the Title V Operating Permit references the specific relevant requirements of 45CSR30 or the applicable requirement upon which it is based. Any condition of the Title V permit that is enforceable by the State but is not Federally-enforceable is identified in the Title V permit as such.

The Secretary's authority to require standards under 40 C.F.R. Part 60 (NSPS), 40 C.F.R. Part 61 (NESHAPs), and 40 C.F.R. Part 63 (NESHAPs MACT) is provided in West Virginia Code §§ 22-5-1 *et seq.*, 45CSR16, 45CSR34 and 45CSR30.

## Active Permits/Consent Orders

Permit or Consent Order Number	Date of Issuance	Permit Determinations or Amendments That Affect the Permit ( <i>if any</i> )
R13-2945	9-11-2012	N/A

Conditions from this facility's Rule 13 permit(s) governing construction-related specifications and timing requirements will not be included in the Title V Operating Permit but will remain independently enforceable under the applicable Rule 13 permit(s). All other conditions from this facility's Rule 13 permit(s) governing the source's operation and compliance have been incorporated into this Title V permit in accordance with the "General Requirement Comparison Table B" which may be downloaded from DAQ's website.

## Determinations and Justifications

This is a significant modification (SM01) application received on June 6, 2012. The significant modification incorporates the requirements of Permit R13-2945 for the installation of a 112.2 horsepower, 4-Stroke Rich-Burn Natural Gas-Fired Cummins 75GGHF Emergency Generator.

**1) Emission Units Table Section 1.1**

The table was updated to include the emergency generator.

**2) Section 3.0 – Condition 3.2.3** was added to include section 3.2.1 of R13-2945.

**3) Section 6.0 –** This section of the permit has been added for the emergency generator EG01 and incorporates the requirements of R13-2945 and 40 C.F.R. 60 Subpart JJJJ.

**40 CFR 63, Subpart ZZZZ RICE MACT Applicability** – According to 40 C.F.R. § 63.6590 (c), emergency generator EG01 must meet the requirements of 40 C.F.R. 63 Subpart ZZZZ by meeting the requirements of 40 C.F.R. 60 Subpart JJJJ as spelled out in R13-2945. No further requirements apply for such engine under 40 C.F.R. 63 Subpart ZZZZ.

**4) 40 CFR Part 64 – Compliance Assurance Monitoring (CAM)**

According to 40 C.F.R. §64.2(a), CAM is not applicable to the generator because the generator does not have any control device.

## Non-Applicability Determinations

The following requirements have been determined not to be applicable to the subject facility due to the following:

**Greenhouse Gas Permitting** - There have been no modifications that have triggered a PSD permit. Therefore, there are no applicable GHG requirements.

## Request for Variances or Alternatives

None

## Insignificant Activities

Insignificant emission unit(s) and activities are identified in the Title V application.

### **Comment Period**

Beginning Date: October 4, 2012  
Ending Date: November 5, 2012

All written comments should be addressed to the following individual and office:

U.K. Bachhawat  
Title V Permit Writer  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304

### **Procedure for Requesting Public Hearing**

During the public comment period, any interested person may submit written comments on the draft permit and may request a public hearing, if no public hearing has already been scheduled. A request for public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing. The Secretary shall grant such a request for a hearing if he/she concludes that a public hearing is appropriate. Any public hearing shall be held in the general area in which the facility is located.

### **Point of Contact**

U.K. Bachhawat  
West Virginia Department of Environmental Protection  
Division of Air Quality  
601 57<sup>th</sup> Street SE  
Charleston, WV 25304  
Phone: 304/926-0499 ext. 1256 • Fax: 304/926-0478

### **Response to Comments (Statement of Basis)**

None